

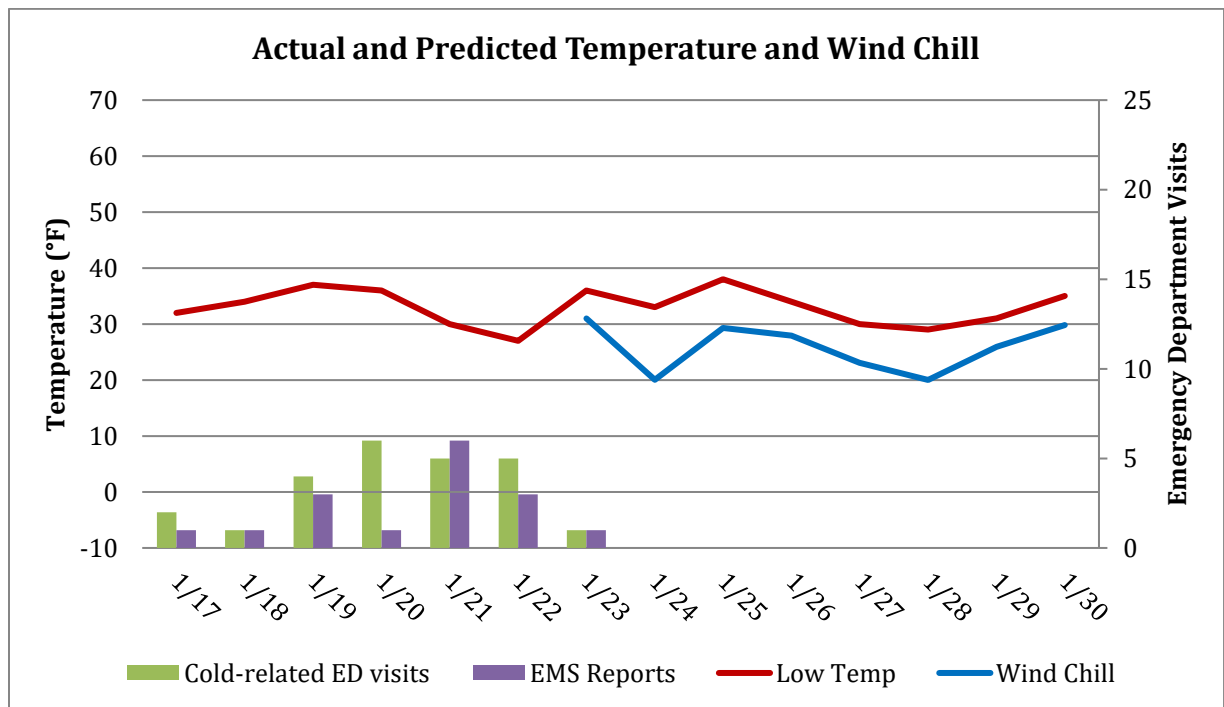


## Weekly Cold-related Illness Surveillance Report

January 25, 2023

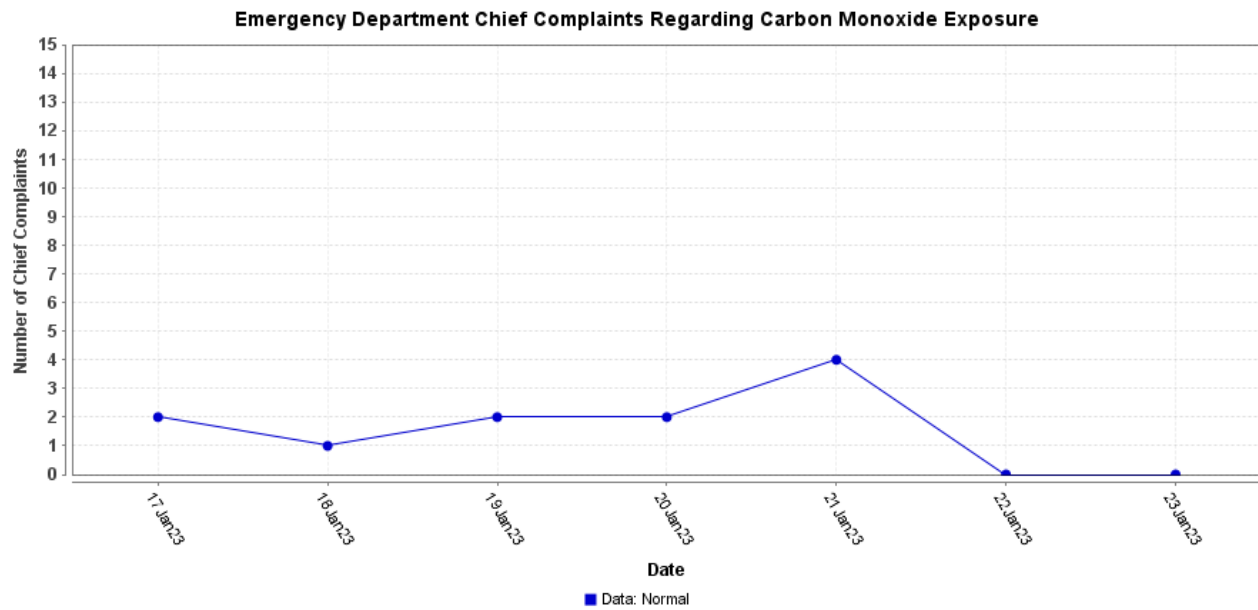
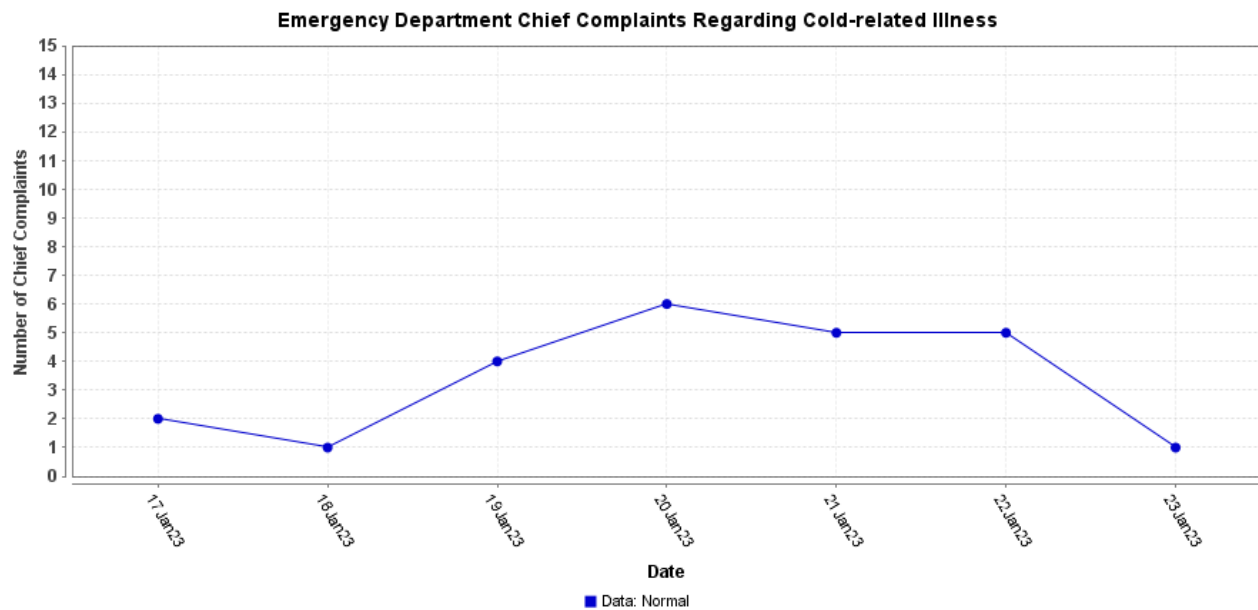
Reporting for December 17, 2022, to January 23, 2023

National Weather Service Forecast: **Winter Weather Advisory**  
Wind Chill Advisories Declared During the Previous Week: 0  
Total Wind Chill Advisories Declared This Winter: 1



**Note on Emergency Department Data:** The results from the query used in ESSENCE, an electronic biosurveillance system, to track cold-related illnesses may be an overestimation of the actual burden of illness related to the cold weather. This overestimation is due to the nature of the query, which includes the term hypothermia and frostbite. As of November 2019, visit data from 23 urgent care centers are now included in ESSENCE emergency department visit data.

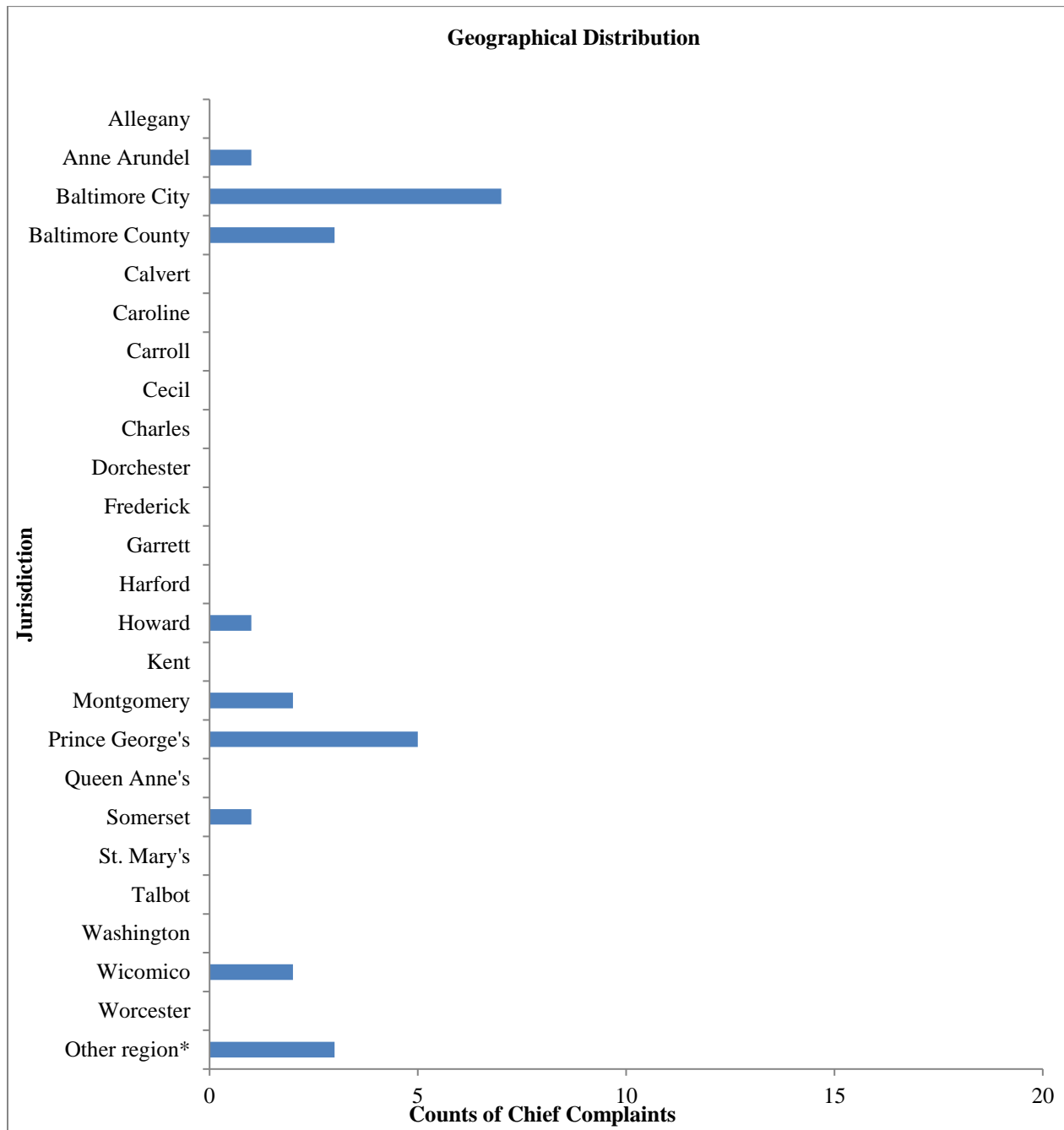
**Note on EMS Data:** These data are based on EMS pre-hospital care reports where the EMS provider has selected hypothermia as a primary or secondary impression of a patient's illness. This impression is solely based on the signs and symptoms seen by the provider, not on any diagnostic tests. Since these numbers do not include all primary or secondary impressions that may be seen with cold exposure, the actual numbers may be low. These data are reported for trending purposes only.



Date	Number of Chief Complaints Regarding Cold-related Illness	Number of Chief Complaints Regarding Carbon Monoxide Exposure
January 10	2	2
January 11	1	1
January 12	4	2
January 13	6	2
January 14	5	4
January 15	5	0
January 16	1	0

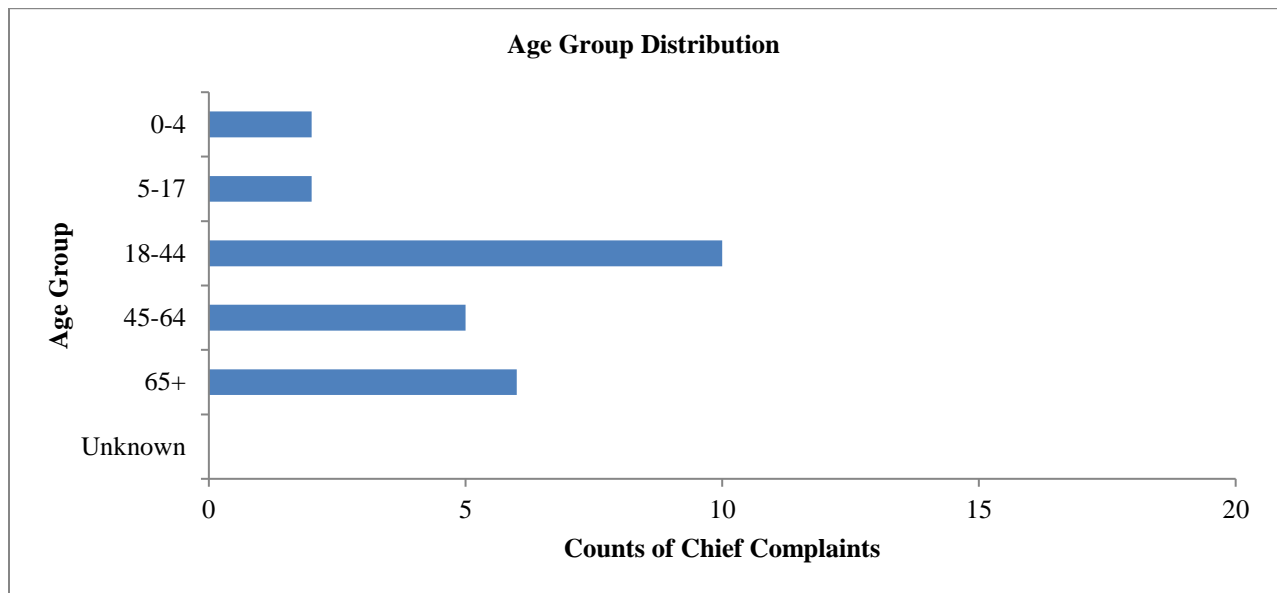
*\*Note: ESSENCE chief complaint query for cold-related illness contains the following terms: frostbite, frostnip, hypothermia, chilblain, and trench foot*

## Geographical Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 17, 2023, to January 23, 2023



*\*Geographical distribution of emergency department chief complaints is based on patients' jurisdictions of residence. The "Other Region" category includes patient records without a ZIP code and patients who reside outside of Maryland.*

**Age Group Distribution of Emergency Department Chief Complaints Regarding Cold-related Illnesses for January 17, 2023, to January 23, 2023**



*Report continued on next page...*

Total Number of Cold-related Deaths	Jurisdiction*	Age Group	Gender
34	Baltimore City	18 – 44 years old	Female
	Baltimore City	18 – 44 years old	Male
	Baltimore City	18 – 44 years old	Male
	Baltimore City	18 – 44 years old	Male
	Prince George's	18 – 44 years old	Male
	Baltimore City**	45 – 64 years old	Female
	Baltimore City	45 – 64 years old	Female
	Baltimore City	45 – 64 years old	Male
	Baltimore City	45 – 64 years old	Male
	Baltimore City	45 – 64 years old	Male
	Baltimore City	45 – 64 years old	Male
	Montgomery**	45 – 64 years old	Male
	Montgomery	45 – 64 years old	Female
	Prince George's	45 – 64 years old	Male
	Prince George's	45 – 64 years old	Male
	Queen Anne's	45 – 64 years old	Male
	Washington	45 – 64 years old	Male
	Worcester	45 – 64 years old	Male
	Allegany	65+ years old	Female
	Anne Arundel	65+ years old	Male
	Baltimore City**	65+ years old	Female
	Baltimore City	65+ years old	Female
	Baltimore City	65+ years old	Female
	Baltimore City	65+ years old	Male
	Baltimore City	65+ years old	Male
	Baltimore County	65+ years old	Male
	Baltimore County	65+ years old	Female
	Carroll**	65+ years old	Male
	Charles	65+ years old	Female
	Dorchester	65+ years old	Male
	Montgomery	65+ years old	Male
	Prince George's	65+ years old	Female
	St. Mary's	65+ years old	Male
	Wicomico	65+ years old	Male

\*Refers to the jurisdiction where the death occurred. \*\*Refers to a newly listed death ^Refers to updated information from OCME

There were 4 newly listed cold-related deaths. One (1) individual was presumed or suspected to be homeless.

There have been 34 cold-related deaths during this reporting period. Fifteen (15) are presumed or suspected to be homeless.

**Wind Chill Advisory/Warning Criteria:** The National Weather Service issues a Wind Chill Advisory for projected wind chill factors of -5°F to -25°F, and a Wind Chill Warning when the projected wind chill is for -25° or less.

**Suspected Homeless Death Data:** Office of the Chief Medical Examiner (OCME) Field Investigators use the U.S. Department of Health and Human Services (HHS) [homeless definition](#) to determine suspected homeless deaths. Homeless deaths are listed as suspected due to the limited information available to the Field Investigators at the time of investigation, which may result in some misclassifications.

For more information about extreme cold and emergency preparedness, follow the Office of Preparedness and Response on [Twitter](#) and [Facebook](#).

For media inquiries, please contact the Office of Communications: [410-767-6490](tel:410-767-6490)

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